

## MEETING REPORT: DIVISION 6 MEETING IN NEW DELHI, 1995

### *Background*

At the 23rd Session of the CIE, held in New Delhi, India, November 1-8, 1995, papers from Dr. Kohmoto, and Dr. Hietanen and posters by Dr. Wilkinson, Dr. de Wilde, Dr. Sato, Dr., Goodman, Dr. Prikupets, and Dr. Meulemans were presented on Wednesday, 3 November. There was also a Workshop on New Issues with Regard to UV-A chaired by Dr. J-P Cesarini of France on 1 November. Division 6 (Photobiology) was to hold its annual Division Meeting on Wednesday, 8 November 8, which it did; however, because of an unexpected early emergency departure of the DD6, an informal pre-meeting was also held on Monday, 6 November 1995.

1. At the Monday meeting, the TC activities were reviewed as noted in the agenda attached. Actions required for any of the TCs were referred to the Wednesday meeting. On Monday, Dr. Sliney and others reviewed the developments toward lamp safety standards and incoherent light exposure limits in several groups. Dr. Sliney also reported on the tunable-UV laser generated erythral action spectrum of Dr. Anders, Hanover, GE. He had asked her to prepare a report for the CIE.
2. On Wednesday, Dr. J-P Cesarini, as the Associate Division Director, chaired the meeting, and Mr. Richard Vincent took notes.
3. Committee Chairmanships were reviewed. TC 6-36, UV Protective Materials Used in Shading was without a chairman, since Prof. Mutzhas had passed away. Mr. Francois Denner (SA) accepted the TC 6-36 chairmanship and this was submitted for formal approval.
4. Important TC activities were reviewed. The initial glossary of terms prepared by TC 6-04 had been reviewed by DD6 and the D6 Editor who had concluded that far too much work would be required to bring the overly ambitious current draft prepared by Mr. Muelemans into a final published document. It was therefore decided that TC 6-04 will begin to compile a listing of special terms and definitions from each TC-report as it is issued. The terms are to be explained in language that is understandable by lighting designers and engineers, architects and consultants.
5. The activity of TC 6-11 on Systemic Effects of Optical Radiation Upon Humans was then discussed. Since Dr. Brainard's invited paper at the 23rd Session of the CIE was well received, it was proposed that it serves as the basis for a TC 6-11 report. A revised terms of reference was drafted during the meeting and nine people, including the chairman, agreed to work on the revised report. Its terms of reference are to provide the CIE with a concise summary document on the systemic effects of ocularly detected optical radiation with the relevant, key scientific references. Specifically the document will introduce the controlled laboratory and clinical studies on the effects of light on human physiology, mood and behavior. Studies on use of light therapy (Ocular exposure) for clinical disorders as well as for improving human adaptation to shift work and intercontinental jet travel will be discussed. How these new findings may change

future architectural lighting strategies will be considered. This document will be cross-referenced to the report from the CIE • Psychological Aspects of Lighting (TC 3-16), 6-16 and 6-17. A full working draft or final report will be prepared within two years.

6. A new TC 6-40 on a "Standardized Erythema Dose" had been proposed previously by Dr. F. Urbach (USA) and had been balloted by D6. However, since final assignment of a number had not been made, the project was re-proposed by Dr. Jean-Pierre Cesarini to be sure that it was approved. The terms of reference are to propose a UV dose based on the CIE minimal erythema action spectrum. The dose is expressed in J/m<sup>2</sup> weighted at 297 nm. The Chairman proposed at the meeting was Dr. F. Urbach (however, it was later suggested by Prof. Urbach that Dr. Bryan Diffey (UK) would be more appropriate and he agreed by telephone with Dr. Sliney to serve as Chair) with members Frederick Urbach, Donald Forbes, J. Barth, Hans-Christian Wulf, and Jean-Pierre Cesarini. The time to completion is 1 year and the group would meet in Vienna next September. It was noted that there was a minimal requirement of CIE countries to participate in a TC in order to gain full CIE status.

7. Another new TC (later assigned by the BA as TC 6-39) on "UV Radiation at Lighted Environments" was proposed. Dr. K Kohmoto (Japan) was the proposed chairman. The terms of reference are to develop an evaluation method of UV radiation at lighted environments and to investigate UV spectral characteristics of filters and reflectors used for luminances and interior environments. Members were solicited and accepted for submission during the Div 6 meeting.

8. It was discovered after the meeting by the Division Director that the fully balloted new TC proposals for A Standardized UV-Index (later assigned as TC 6-41), Chaired by Dr. Elizabeth Weatherhead (US), with Rudiger Matthes, and Bryan Diffey) and "Dosimetric Quantities in Photobiology (renamed as Standardized Erythema Dose, TC 6-40); as well as a reporter (R6-35; Dr. Angelika Anders) on High Resolution Erythema Action Spectra for the Skin had already been tentatively approved by ballot within the Division.

9. The next meeting dates for a Division 6 meeting should be near or during the week of the International Congress on Photobiology to be held September 1-6, 1996 in Vienna. The meeting would be held at the CIE Central Bureau in Vienna. The 1997 meeting will be scheduled during the Mid-Term meetings in South Africa (probably August 1997).

(Minutes Approved, DD6 D. Sliney) Thanks Mr. Vincent

**CIE DIVISION 6**  
**Photobiology and Photochemistry**

**AGENDA**

**8 November 1995**

**Room 2-4, FICCI Complex, New Delhi**

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| 09:15 | Opening and Introduction of Delegates  |
| 09:30 | Director's Report  |
| 10:00 | Review of TC Status (TC Activities, TC Chairs, Vacancy of ADD, and Problems in Editing of Reports)   |
| 11:00 | Panel Discussion on Current World-wide Activities toward Photobiologic Safety Standards for Lamps and Lighting Systems (TC 6-38): Sliney, Cesarini, Brainard, Hietanen |
| 12:30 | Lunch  |
| 13:30 | Liaison Activities   |
| 13:50 | New Work for the Coming Quadrennium  |
| 16:00 | Adjournment  |